

~ ~ Inventor search

13/ 3,K/ 3 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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09246622 INSPEC Abstract Number: C2005-02-7850-014

Title: Computer graphics access for blind people through a haptic and audio virtual environment

Author(s): Iglesias, R.; Casado, S.; Gutierrez, T.; **Barbero, J.I.** ; Avizzano, C.A.; Marcheschi, S.; Bergamasco, M.

Author Affiliation: Fudacion Labein, Derio, Spain

Conference Title: Proceedings. The 3rd IEEE International Workshop on Haptic, Audio and Visual Environments and Their Applications - HAVE 2004 (IEEE Cat. No.04EX972) p.13-18

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2004 Country of Publication: USA x+200 pp.

ISBN: 0 7803 8817 8 Material Identity Number: XX-2004-02640

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Conference Title: Proceedings. The 3rd IEEE International Workshop on Haptic, Audio and Visual Environments and Their Applications - HAVE 2004

Conference Date: 2-3 Oct. 2004 Conference Location: Ottawa, Ont., Canada

Language: English

Subfile: C

Copyright 2005, IEE

Author(s): Iglesias, R.; Casado, S.; Gutierrez, T.; **Barbero, J.I.** ; Avizzano, C.A.; Marcheschi, S.; Bergamasco, M.

...Abstract: design and development of audio-haptic applications in different fields (architecture, art, aeronautics, medicine,...). In **order** to demonstrate the validity of the approach, the project was specifically focused on the development...

13/ 3,K/ 14 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01110987 ** Image available**

SYSTEM AND METHOD FOR SELECTING , ORDERING AND ACCESSING COPYRIGHTED

INFORMATION FROM PHYSICAL DOCUMENTS

SYSTEME ET PROCEDE DE SELECTION , DE COMMANDE ET D'ACCES A UNE INFORMATION

PROTEGEE PAR LES DROITS D'AUTEUR A PARTIR DE DOCUMENTS PHYSIQUES

Patent Applicant/ Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road,
Armond, NY

10504, US, US (Residence), US (Nationality), (For all designated states
except: US)

IBM FRANCE, Tour Descartes, La Defense, 5, 2, avenue Gambetta, F-92400

Courbevoie, FR, FR (Residence), FR (Nationality), (Designated only for:
MC)

Patent Applicant/Inventor:

INCERTIS CARRO Fernando , c/612 - N(deg) 9, Monte-Canada, Paterna,
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only for: US)

VARONA BARBERO Jose Maria , Avda. Burgos, 28, 5(deg)A, E-28036
Madrid,
ES, ES (Residence), ES (Nationality), (Designated only for: US)

Legal Representative:

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Propriete Intellectuelle, F-06610 La Gaude, FR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200434280 A1 20040422 (WO 0434280)

Application: WO 2003EP9309 20030723 (PCT/WO EP03009309)

Priority Application: EP 2002368109 20021010

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to
2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR

LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO
RU SC SD

SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT
RO SE

SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6622

**SYSTEM AND METHOD FOR SELECTING , ORDERING AND
ACCESSING COPYRIGHTED**

INFORMATION FROM PHYSICAL DOCUMENTS

**SYSTEME ET PROCEDE DE SELECTION , DE COMMANDE ET D'ACCES A
UNE INFORMATION**

**PROTEGEE PAR LES DROITS D'AUTEUR A PARTIR DE DOCUMENTS
PHYSIQUES**

Patent Applicant/Inventor:

INCERTIS CARRO Fernando ...

...Designated only for: US)

VARONA BARBERO Jose Maria ...

Legal Representative:

Main International Patent Class (v7): **G06F-017/ 30**

Fulltext Availability:

Detailed Description

Claims

English Abstract

The present invention discloses a system, method and computer program for

selecting , ordering , accessing and displaying **copyrighted** information from physical **documents** such as printed publications or **commercials** . The invention allows the management and the direct sale from the editor to the final consumer of electronic information referenced on physical publications while respecting the **copyrights** attached to this electronic information. According to the present invention, a plurality of particular items (i.e., words, pictures, **logos** , etc.,) are defined on a physical **document** . These items are linked to **copyrighted** hardcopy or softcopy edited objets, such as **chapters** , notes, pictures, video or audio elements. For identifying and **selecting** the items defined in the physical **document** , these items are automatically illuminated by luminous signals (or light spots) generated by an opto...

...opto-touch foil operates under the control of a user workstation. An illuminated item is **selected** by the user by pressing the opto-touch foil over the illuminated position of this item. When the user **selects** a particular item among all illuminated items, the user workstation receives from the opto-touch foil a signal indicating the position of this **selected** item. The user workstation identifies and locates the edited object associated with the position of the **selected** item referring to an Edited Objects Table. If the user has already a license for...

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~ ~ Bibliographic patent files

KAMAL (instant inventors)

13/ 3,K/ 1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014179708 - Drawing available

WPI ACC NO: 2004-364977/200434

XRPX Acc No: N2004-291936

Selection, ordering and access method for edited objects from e.g. printed

book , involves identifying items corresponding to determined position of

physical document by referring to edited object table

Patent Assignee: CIE IBM FRANCE (IBMC); IBM CORP (IBMC); INT BUSINESS

MACHINES CORP (IBMC); BARBERO J M V (BARB-I); CARRO F I (CARR-I)

Inventor: BARBERO J M V; CARRO F I; INCERTIS C F; INCERTIS CARRO F; VARONA

B J M; VARONA BARBERO J M

Patent Family (10 patents, 105 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2004034280	A1	20040422	WO 2003EP9309	A	20030723	200434 B
AU 2003266303	A1	20040504	AU 2003266303	A	20030723	200465 E
EP 1550057	A1	20050706	EP 2003807799	A	20030723	200544 E
			WO 2003EP9309	A	20030723	
JP 2006508425	W	20060309	JP 2004542316	A	20030723	200620 E
			WO 2003EP9309	A	20030723	
TW 200416578	A	20040901	TW 2003128103	A	20031009	200624 E
CN 1708756	A	20051214	CN 2003825505	A	20030723	200636 E
KR 2005111570	A	20051125	KR 2005704112	A	20050310	200650 E
			WO 2003EP9309	A	20030723	
US 20060167754	A1	20060727	US 2005530535	A	20050406	200650 E
			WO 2003EP9309	A	20030723	
TW 241508	B1	20051011	TW 2003128103	A	20031009	200679 E
KR 804519	B1	20080220	WO 2003EP9309	A	20030723	200861 E
			KR 2005704112	A	20050310	

Priority Applications (no., kind, date): EP 2002368109 A 20021010

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2004034280 A1 EN 48 16

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID

IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ

NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA

UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EA EE ES FI

FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK
SL SZ

TR TZ UG ZM ZW

AU 2003266303 A1 EN Based on OPI patent WO 2004034280

EP 1550057 A1 EN PCT Application WO 2003EP9309

Based on OPI patent WO 2004034280

Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI

FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

JP 2006508425 W JA 24 PCT Application WO 2003EP9309

Based on OPI patent WO 2004034280

TW 200416578 A ZH

KR 2005111570 A KO PCT Application WO 2003EP9309

Based on OPI patent WO 2004034280

US 20060167754 A1 EN PCT Application WO 2003EP9309

TW 241508 B1 ZH

KR 804519 B1 KO PCT Application WO 2003EP9309

Previously issued patent KR 2005111570

Based on OPI patent WO 2004034280

**Selection, ordering and access method for edited objects from e.g.
printed**

**book , involves identifying items corresponding to determined
position of**

physical document by referring to edited object table

Original Titles:

SYSTEM AND METHOD FOR SELECTING, ORDERING AND ACCESSING

COPYRIGHTED

INFORMATION FROM **PHYSICAL DOCUMENTS...**

...SYSTEM AND METHOD FOR SELECTING, ORDERING AND ACCESSING

COPYRIGHTED

INFORMATION FROM **PHYSICAL DOCUMENTS...**

...SYSTEM AND METHOD FOR SELECTING, ORDERING AND ACCESSING

COPYRIGHTED

INFORMATION FROM **PHYSICAL DOCUMENTS...**

...System and method for selecting, ordering and accessing copyrighted
information from **physical documents...**

...SYSTEM AND METHOD FOR SELECTING, ORDERING AND ACCESSING

COPYRIGHTED

INFORMATION FROM **PHYSICAL DOCUMENTS**

Alerting Abstract ...NOVELTY - A position of a point selected on light
emitting foil aligned in portion of **physical document** , is determined.

The items e.g. words/pictures corresponding to determined position, are identified by...

...user system; system for selecting, ordering and accessing edited objects from **physical document** ; computer program...

...USE - For selecting, ordering and accessing edited objects from **physical document** e.g. digital objects, multimedia objects and printed publication or **commercials** such as newspaper, geographic map, novel **book** , text **book** , technical **book** or **commercial catalog** comprising items such as words, phrases, logos or pictures. Also applicable for compact disk (CD...

...ADVANTAGE - Allows integration of **physical document** in digitally coded information, and vice versa. Performs management and sale of digital document directly...

Title Terms.../Index Terms/Additional Words: **BOOK** ;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...a system, method and computer program for selecting, ordering, accessing and displaying copyrighted information from **physical documents** such as

printed publications or **commercials** . The invention allows the management

and the direct sale from the editor to the final...

...a plurality of particular items (i.e., words, pictures, logos, etc.,) are defined on a **physical document** . These items are linked to copyrighted hardcopy or softcopy edited objects, such as chapters, notes, pictures, video or audio elements. For identifying and selecting the items defined in the **physical document** , these items are automatically illuminated by luminous signals (or light spots) generated by an **opto - touch** foil. The **opto - touch** foil operates under the control of a user workstation. An illuminated item is selected by the user by pressing the **opto - touch** foil over the illuminated position of this item. When the user selects a particular item among all illuminated items, the user workstation receives from the **opto - touch** foil a signal indicating the position of this selected item. The user workstation identifies and...

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XRPX Acc No: N2003-674774

Internet-based hyperlink creating method for interactive hypermedia system,

involves identifying and locating electronic document associated with selected hyperlink item, on user workstation

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: INCERTIS F C

Patent Family (2 patents, 1 countries)

Patent	Application
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Number	Kind	Date	Number	Kind	Date	Update
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US 20030191852 A1 20031009 US 2002295683 A 20021115 200378
B

US 7181502 B2 20070220 US 2002295683 A 20021115 200716 E

Priority Applications (no., kind, date): EP 2002368026 A 20020321; US 2002295683 A 20021115

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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US 20030191852 A1 EN 27 12

Original Titles:

System and method for locating on electronic documents items referenced in a **physical document**...

...System and method for locating on electronic documents items referenced in a **physical document**

Alerting Abstract ...NOVELTY - The method involves creating an hyperlink table for a **physical document** (101). A hyperlink item is selected by pressing an **opto - touch** foil (100), and aligned with selected page of the **physical document**, so as to determine corresponding hyperlinked points. An electronic document associated with selected hyperlinked item... buildings, water springs, historic monuments and factories on electronic documents such as travel guide, newspaper, **books**, **commercial catalog**, technical **book** and other type of hard-copy, engraved, written or printed surfaces e.g. paintings, in...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The present invention generally relates to interactive hypermedia systems for locating electronic documents referenced on **physical documents** . More particularly, the present invention discloses a method and system for creating hyperlinks from one or more items, e.g. words, pictures, foot notes, symbols, icons, on a **physical document** to electronic documents and for activating the hyperlink in response to touching the selected item on the **physical document** . Also disclosed is a method and system for accessing, retrieving and displaying the hyperlinked electronic...

...The present invention generally relates to interactive hypermedia systems for locating electronic documents referenced on **physical documents** . More particularly, the present invention discloses a method and system for creating hyperlinks from one or more items, e.g. words, pictures, foot notes, symbols, icons, on a **physical document** to electronic documents and for activating the hyperlink in response to touching the selected item on the **physical document** . Also disclosed is a method and system for accessing, retrieving and displaying the hyperlinked electronic...

Claims:

...is claimed is: **1** . A method of creating hyperlinks from hyperlinked items referenced in a **physical document** to an electronic document, the method comprising: (a) creating a hyperlink table for the **physical document** , the **physical document** having at least one page; (b) for each page of the **physical document** , storing in the hyperlink table means for identifying a page and means for identifying at...

...hyperlinked item defined on the page; (c) determining the position of points pressed on an **opto - touch** foil aligned with the page of the **physical document** ; the points corresponding to the positions of the hyperlinked items; (d) storing in the hyperlink...

...is claimed is: **1** . A method of creating hyperlinks from hyperlinked items referenced in a **physical document** to an electronic document, the method comprising: (a) creating a hyperlink table for the **physical document** , the **physical document** having at least one page; (b) for each page of the **physical document** , storing in the hyperlink table means for identifying a page and means for identifying at...

...hyperlinked item defined on the page; (c) determining the position of points pressed on an **opto - touch** foil aligned with the page of the **physical document** ; the points corresponding to the positions of the hyperlinked items; (d) storing in the hyperlink...

13/ 3,K/ 3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013343258 - Drawing available
WPI ACC NO: 2003-430978/200340
XRPX Acc No: N2003-344053

Method for selecting electronic information from physical document and displaying such information over such document by identifying document hyperlink table with location of electronic document, associated with page for receiving

Patent Assignee: CARRO F I (CARR-I); CIE IBM FRANCE (IBMC); IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: CARRO F I; INCERTIS C F; INCERTIS CARRO F; INCERTISCARRO F
Patent Family (10 patents, 99 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2003042862	A2	20030522	WO 2002EP11126	A	20020912	200340 B
EP 1444608	A2	20040811	EP 2002779460	A	20020912	200452 E
			WO 2002EP11126	A	20020912	
AU 2002342797	A1	20030526	AU 2002342797	A	20020912	200464 E
KR 2004058169	A	20040703	KR 2004701556	A	20040131	200472 E
US 20050028092	A1	20050203	WO 2002EP11126	A	20020912	200511 E
			US 2004495236	A	20041004	
CN 1549983	A	20041124	CN 2002816824	A	20020912	200516 E
JP 2005509948	W	20050414	WO 2002EP11126	A	20020912	200527 E
			JP 2003544626	A	20020912	
AU 2002342797	A8	20051027	AU 2002342797	A	20020912	200624 E
KR 556331	B1	20060303	WO 2002EP11126	A	20020912	200724 E
			KR 2004701556	A	20040131	
JP 4081008	B2	20080423	WO 2002EP11126	A	20020912	200830 E
			JP 2003544626	A	20020912	

Priority Applications (no., kind, date): EP 2001480109 A 20011113

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2003042862	A2	EN	47	13		
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID

IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ

NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG
US UZ

VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EA EE ES FI
FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR
TZ UG

ZM ZW

EP 1444608 A2 EN PCT Application WO 2002EP11126

Based on OPI patent WO 2003042862

Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

AU 2002342797 A1 EN Based on OPI patent WO 2003042862

US 20050028092 A1 EN PCT Application WO 2002EP11126

JP 2005509948 W JA 30 PCT Application WO 2002EP11126

Based on OPI patent WO 2003042862

AU 2002342797 A8 EN Based on OPI patent WO 2003042862

KR 556331 B1 KO PCT Application WO 2002EP11126

Previously issued patent KR 2004058169

Based on OPI patent WO 2003042862

JP 4081008 B2 JA 27 PCT Application WO 2002EP11126

Previously issued patent JP 2005509948

Based on OPI patent WO 2003042862

**Method for selecting electronic information from physical document
and
displaying such information over such document by identifying
document
hyperlink table with location of...**

Original Titles:

...SYSTEM AND METHOD FOR SELECTING ELECTRONIC DOCUMENTS FROM A
PHYSICAL
DOCUMENT AND FOR DISPLAYING SAID ELECTRONIC DOCUMENTS OVER
SAID **PHYSICAL**
DOCUMENT...

...The system and method of displaying the said electronic document in
piles on the said **physical document** , while selecting an electronic
document from a **physical document...**

...System and method for selecting electronic documents from a **physical
document** and for displaying said electronic documents over said **physical
document...**

Alerting Abstract ...NOVELTY - A page of a **physical document** (101) is identified and page referring to a document hyperlink table is identified, such table may include the **physical document**, the identification and location of an electronic document, associated with the page, which may be received. The retrieved electronic document may be displayed using an **opto - touch foil** (102) placed over the identified page....**USE** - For using **physical documents** as interfaces for navigating on a network and browsing hypertext documents that may contain hyperlinks...

...**ADVANTAGE** - Complements the information content of **physical documents** by electronic means. Selects and access electronic documents directly from **physical documents** and to display the accessed electronic documents over the same **physical documents** for navigating in a network and browsing hypertext documents...

...101 **physical document**

...102 **opto - touch foil**

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...servers connected to a communication network, and for displaying the retrieved hypertext documents over said **physical document**. The information is accessed by the user simply by touching with a finger items (i...

...letters, symbols, pictures, icons,...) that are highlighted on an electronic hypertext document displayed over the **physical document**. The method, for use in a user system comprises the steps of: - identifying a **physical document**, this **physical document** comprising one or a plurality of pages; - identifying a page of said **physical document**; - identifying and locating an electronic document associated with the identified page referring to a document hyperlink table; said document hyperlink table comprising for each page of the **physical document** the identification and location of an electronic document; - accessing and retrieving the electronic document associated with the identified page; - displaying the retrieved electronic document by means of an **opto - touch foil** placed over the identified page...

...a computer interface and electronic information. More specifically, this invention navigates a network for a **physical document**, It is related with the system and method of using it as an interface for...

...letters, symbols, pictures, icons,. . .) that are highlighted on an electronic hypertext document displayed over the **physical document** .
The

method, for use in a user system comprises the steps of:--identifying a **physical document** , this **physical document** comprising one or a plurality of pages;--identifying a page of said **physical document** ;--identifying and locating an electronic document associated with the identified page referring to a document hyperlink table; said document hyperlink table comprising for each page of the **physical document** the identification and location of an electronic document;--accessing and retrieving the electronic document associated with the identified page;--displaying the retrieved electronic document by means of an **opto - touch** foil placed over the identified page...

...letters, symbols, pictures, icons,...) that are highlighted on an electronic hypertext document displayed over the **physical document** .
The

method, for use in a user system comprises the steps of: - identifying a **physical document** , this **physical document** comprising one or a plurality of pages; - identifying a page of said **physical document** ; - identifying and locating an electronic document associated with the identified page referring to a document hyperlink table; said document hyperlink table comprising for each page of the **physical document** the identification and location of an electronic document; - accessing and retrieving the electronic document associated with the identified page; - displaying the retrieved electronic document by means of an **opto - touch** foil placed over the identified page...

Claims:

Electronic information is selected from the **physical document** (101) used by the user system (103) connected to the communication network (104) containing 1...

...It is a method to display the said selected electronic information in piles on this **physical document** ,Comprising:The step (401) from which the said user system identifies **physical document** (501, 601, 801),The step (402) from which the said user system identifies page (602,802) of the said **physical document** ,Refer to the document hyperlink table|surface which includes the identification information and the position of an electronic document for every page of the said **physical document** for the said user system,The electronic document relevant to the identified said page is...

...1. A method of selecting electronic information from a **physical document** , and for displaying said selected electronic information over this **physical document** , said method comprising:identifying a **physical document** ;identifying a page of said **physical document** ;identifying

and

locating an electronic document associated with the identified page by referring to a document hyperlink table; said document hyperlink table comprising for each page of the **physical document** the identification and location of an electronic document; accessing and retrieving the electronic document associated with the identified page; and displaying the retrieved electronic document by means of an **opto - touch** foil placed over the identified page.

KAMAL (instant inventor)

13/ 3,K/ 4 (Item 4 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0012899450 - Drawing available

WPI ACC NO: 2002-759044/200282

XRPX Acc No: N2002-597607

Hyperlink creation for interactive hypermedia system, involves storing

absolute coordinates of access point of page associated with hyperlinked

item and position of access point of touch foil with aligned document in table

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: CARRO F I

Patent Family (3 patents, 2 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
US 20020101447	A1	20020801	US 2001923150	A	20010806	200282 B
TW 494323	A	20020711	TW 2000127096	A	20001218	200328 E
US 7027038	B2	20060411	US 2001923150	A	20010806	200626 E

Priority Applications (no., kind, date): EP 2000480079 A 20000829; US 2001923150 A 20010806

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20020101447	A1	EN	36	21		
TW 494323	A	ZH				

Original Titles:

System and method for locating on a **physical document** items referenced in another **physical document**...

Alerting Abstract ...NOVELTY - An identification (ID) data of a **physical**

document page and hyperlinked item defined on the page, are stored in a hyperlink table. An...

...absolute coordinates of associated point is stored. The position of access point pressed on an **opto - touch** foil aligned with the document is determined and stored.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...interactive hypermedia systems and more particularly to a method and system for locating on a **physical document** items referenced in **another physical document**. The present **invention discloses** a method and system for creating hyperlinks from items (e.g. words, pictures, foot notes, symbols, icons) on a first **physical document** to particular **points on** a second **physical document** (manuscript or **printed document**), for activating these hyperlinks simply by touching the first document, and for highlighting by means...

...interactive hypermedia systems and more particularly to a method and system for locating on a **physical document** items referenced in another **physical document**. The **present invention** discloses a method and **system for** creating hyperlinks from items (e.g. words, pictures, foot notes, symbols, icons) on a first **physical document** to particular points on a second **physical document** (**manuscript** or printed document), for activating these **hyperlinks simply** by touching the first document, and for highlighting by means of a light emitting source...

Claims:

...use on a user system, of creating hyperlinks from hyperlinked items referenced in a first **physical document** to particular **points on** a second **physical document**, said method **comprising the** steps of: creating a hyperlink table for the first **physical document**; storing in said hyperlink **table an** identification of the first **physical document**; storing in said hyperlink table an **identification of** a page of the first **physical** document and an identification of a hyperlinked item defined **on said** page; associating with the hyperlinked item a point on a page of a second **physical document**; storing in said hyperlink table absolute coordinates of the associated **point**; **determining** position of a point pressed on a first **opto - touch** foil, the first **opto - touch** foil being aligned with the first **physical document**, said **point corresponding** to position of **the hyperlinked** item; and storing in the hyperlink **table, position** of the point pressed, said hyperlink table comprising for the hyperlinked item, an indication of its position on the page of the first **physical document**.

...use on a user system, of creating hyperlinks from hyperlinked items referenced in a first **physical document** to particular points on a second **physical document**, said method comprising the steps of: creating a hyperlink table for the first **physical document**; storing in said hyperlink **table** an identification of the first **physical document**; **storing in** said hyperlink table an identification of a page of the first **physical document** and an **identification of** a hyperlinked item defined on said page; associating with the hyperlinked item **a point** on a page of a second **physical document**; storing in said hyperlink table absolute coordinates **of the** associated point; determining a position of a point pressed on a first **opto - touch** foil, the first **opto - touch** foil being aligned with the first **physical document**, **said point** corresponding to a position of the hyperlinked item on the page of the first **physical document**; and storing in the hyperlink table, the position **of the** point pressed, said **hyperlink table** comprising for the hyperlinked item, an **indication of** the position of the hyperlinked item on the page of the first **physical document** in terms **of foil** coordinates with respect to the first **opto - touch** foil.

KAMAL (instant inventor)

13/ 3,K/ 5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012847322 - Drawing available

WPI ACC NO: 2002-705835/200276

XRPX Acc No: N2002-556422

Interactive multimedia information accessing method involves detecting

position of hyperlinked items in selected page of document by using associated table and transmitting to opto - touch foil connected to user

computer

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: CARRO F I

Patent Family (2 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20020087598	A1	20020704	US 2001841930	A	20010425	200276
B						
US 6771283	B2	20040803	US 2001841930	A	20010425	200451 E

Priority Applications (no., kind, date): EP 2000480037 A 20000426; US 2001841930 A 20010425

Patent Details

Number Kind Lan Pg Dwg Filing Notes
US 20020087598 A1 EN 30 16

...of hyperlinked items in selected page of document by using associated
table and transmitting to opto - touch foil connected to user computer

Original Titles:

Method and system for accessing interactive multimedia information or services by touching highlighted items on **physical documents**
...

...Method and system for accessing interactive multimedia information or services by touching highlighted items on **physical documents**

Alerting Abstract ...hyperlinked table of the document. The determined position of hyperlinked items are transmitted to an **opto - touch** foil connected to an user system and arranged on the document, for illuminating items....multimedia information of service such as shopping information by touching hyperlinked items on hardcopy document, **magazine** , **book** , **catalog** , geographical map, photograph and painting.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...that are electronically illuminated over the surface of a hard-copy document or any other **physical** surface. The system includes: an **opto - touch** foil, placed **over** (**or** under) a portion of the document, used to highlight hyperlinked items over the surface of the **physical document** and to **read coordinates** of these hyperlinked items; and a user workstation for accessing the information/service associated with...

...surface of a hard-copy document or any other physical surface. The system includes: an **opto - touch** foil, placed over (or under) a portion **of the** document, used to highlight hyperlinked items over the surface of the **physical document** and to read coordinates of these hyperlinked **items** ; **and** a user workstation for accessing the information/service associated with the hyperlinked items. Hyperlinked items...

Claims:

...A method comprising:selecting and accessing information or services by touching hyperlinked items on a **physical document** , said method for use in a user system includes **the steps** of:identifying a **physical document** , said **physical document** comprising at least one page;identifying a page **of said physical document** , said page

comprising one or a plurality of predefined hyperlinked items; identifying position of **hyperlinked** items comprised in said identified page referring to a hyperlink table associated with said identified...

...item, an indication of its position on said page; and sending for visualization on an **opto - touch** foil, the position of said hyperlinked items, said **opto - touch** foil being connected to the user system.

...

...What is claimed is: 13. A system comprising: an **opto - touch** foil to be aligned with a page of a **physical document**; a user workstation comprising a computer system having a hyperlink table and having software adapted for carrying out the method comprising **the steps** of: identifying a **physical document**, said **physical document** comprising **at least** one page; identifying a page of said **physical document**, said page comprising one or a plurality of predefined hyperlinked items; identifying position of hyperlinked items comprised in said identified page **referring to a hyperlink table** associated with said identified document, said hyperlink table comprising for each page **of the** document, a list of hyperlink items, and for each hyperlink item, an indication of its position on said page; and sending for visualization on an **opto - touch** foil, the position of said hyperlinked items, said **opto - touch** foil being connected to the user system; and a connection between said **opto - touch** foil and said user workstation.

KAMAL (instant inventor)

13/ 3,K/ 6 (Item 6 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0012461152 - Drawing available

WPI ACC NO: 2002-407220/200244

XRPX Acc No: N2002-319792

Electronic document hyperlink creation method for interactive multimedia

system, involves defining hyperlink in physical document and encoding

absolute coordinates in defined hyperlink

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: CARRO F I

Patent Family (6 patents, 30 countries)

Patent Application

Number Kind Date Number Kind Date Update

EP 1186986 A2 20020313 EP 2001480031 A 20010510 200244 B

US 20020047870 A1 20020425 US 2001892399 A 20010626 200244

E

JP 2002169743 A 20020614 JP 2001255548 A 20010827 200254 E
KR 2002017970 A 20020307 KR 200149301 A 20010816 200261 E
TW 528967 A 20030421 TW 2000127097 A 20001218 200373 E
JP 3722424 B2 20051130 JP 2001255548 A 20010827 200582 E

Priority Applications (no., kind, date): EP 2000480080 A 20000829

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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EP 1186986	A2	EN	27	10		
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Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR
IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2002169743	A	JA	19			
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TW 528967	A	ZH				
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JP 3722424	B2	JA	21		Previously issued patent	JP 2002169743
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Electronic document hyperlink creation method for interactive multimedia

system, involves defining hyperlink in physical document and encoding

absolute coordinates in defined hyperlink

Original Titles:

...System and method for locating on a **physical document** items referenced in an electronic document...

...SYSTEM AND METHOD FOR SHOWING ITEM REFERRED TO IN ELECTRONIC DOCUMENT ON

PHYSICAL DOCUMENT...

...System and method for locating on a **physical document** items referenced in an electronic document

Alerting Abstract ...for each item referenced in an electronic document and a hyperlink is defined in a **physical document** (506). The determined

absolute coordinates are encoded in the defined hyperlink....user system; Hyperlink creation computer program; Electronic document; Referenced item location method; User system and **opto - touch** foil communication system...

...ADVANTAGE - The **physical document** information related to items selected in an electronic document can be highlighted **effectively by** accessing multimedia information or services in the user workstation...

...506 **Physical document**

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...method of creating in an electronic document one or a plurality of hyperlinks to a **physical document** for locating on said **physical document** one or a **plurality** of items referenced in this electronic document, from an user system connected to an **opto - touch** foil placed on or under the **physical document** . The method **comprises the** steps of: defining referenced items in the electronic document; for each item referenced in the electronic document; determining absolute coordinates; defining an hyperlink to the **physical document** ; encoding the absolute coordinates in the hyperlink. The **present invention** further discloses an electronic document comprising one or a plurality of referenced items, each referenced item comprising an hyperlink to a **physical document** , each hyperlink comprising encoded absolute coordinates of the corresponding referenced item, this hyperlink being used for locating **the item** on said **physical document** from an user system connected to an **opto - touch** foil placed on or under this **physical document** . The **present invention** further discloses a system and method of locating on a **physical document** one or a **plurality** of items referenced in an electronic document comprising hyperlinks to this **physical document** . The method for use in a **user** system connected to an **opto - touch** foil placed on or under said **physical document** , comprising **the steps** of: identifying the one or plurality of items referenced in this **electronic document** ; identifying the **physical document** ; for each **referenced item** that has been identified: computing from the absolute coordinates, foil coordinates corresponding to the position of the item on the **physical document** .

...A system and method of creating in an electronic document a hyperlink to a **physical document** for locating on the **physical document** an item referenced in the electronic document. A user system is connected to an illuminating **opto - touch** foil placed on or under the **physical document**. >

Claims:

...method of creating in an electronic document one or a plurality of hyperlinks to a **physical document (506)** for locating, on said **physical document** , **one or** a plurality of items referenced in said electronic document from an user system (500) connected to an **opto - touch**

foil (507) placed on or under said **physical document (506)** , **said** method comprising the steps of: defining referenced items in the electronic document; for each item referenced in the electronic

document;determining absolute coordinates;defining an hyperlink to the **physical document** ;encoding said absolute coordinates in said hyperlink.

...claimed is:1. A method of creating a hyperlink from an electronic document to a **physical document** for locating, on the **physical document** , an item referenced in the electronic document, comprising the steps of:defining a referenced item in an **electronic document** ;determining absolute coordinates of **the referenced** item;defining a hyperlink to the **physical document** ; andencoding the absolute coordinates in the hyperlink.

~ ~ Full text patent files

13/ 3,K/ 1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01606090

**SYSTEM AND METHOD FOR SELECTING ELECTRONIC DOCUMENTS
FROM A PHYSICAL DOCUMENT AND FOR DISPLAYING SAID
ELECTRONIC DOCUMENTS OVER SAID PHYSICAL DOCUMENT
SYSTEM UND VERFAHREN ZUM AUSWAHLEN EINES ELEKTRONISCHEN
DOKUMENTS AUS EINEM PHYSIKALISCHEN DOKUMENT UND ZUM
ANZEIGEN DIESER ELEKTRONISCHEN**

**DOKUMENTS UBER DIESER PHYSIKALISCHE DOKUMENT
SYSTEME ET PROCEDE DESTINES A SELECTIONNER DES
DOCUMENTS ELECTRONIQUES A PARTIR D'UN DOCUMENT PHYSIQUE ET
A AFFICHER CES DOCUMENTS ELECTRONIQUES SUR CE DOCUMENT
PHYSIQUE**

PATENT ASSIGNEE:

International Business Machines Corporation, (828995), New Orchard Road,
Armonk, NY 10504, (US), (Proprietor designated states: all)

INVENTOR:

INCERTIS CARRO, Fernando, c/612 - No 9, Monte-Canada, Paterna,46182
Valencia, (ES)

LEGAL REPRESENTATIVE:

Etorre, Yves Nicolas (87833), Compagnie IBM-France, Direction de la
Propriete Intellectuelle, 06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 1444608 A2 040811 (Basic)

EP 1444608 A2 040811

EP 1444608 B1 081210

WO 2003042862 030522

APPLICATION (CC, No, Date): EP 2002779460 020912; WO 2002EP11126
020912

PRIORITY (CC, No, Date): EP 2001480109 011113

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR;
GB; GR;

IE; IT; LI; LU; MC; NL; PT; SE; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-017/30; G06F-003/033; G09B-029/10

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0017/30 A I F B 20060101 20040621 H EP

G06F-0003/033 A I L B 20060101 20040621 H EP

G09B-0029/10 A I L B 20060101 20040621 H EP

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS B	(English)	200850	825
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CLAIMS B	(German)	200850	941
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CLAIMS B	(French)	200850	865
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SPEC B	(English)	200850	6881
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Total word count - document A	0
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Total word count - document B	9512
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Total word count - documents A + B	9512
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...SPECIFICATION Method and system for accessing interactive multimedia information or services by touching highlighted items on **physical documents** " discloses a system and method for selecting and accessing multimedia information and/or services located...

...surface of a hard-copy document (or any other physical surface) by means of an **opto - touch** foil. The referenced system includes:

an **opto - touch** foil preferably transparent, placed by the user over (or under) the document (or a portion of said document). This **opto - touch** foil is used :

to illuminate and highlight hyperlinked items over the surface of the

physical document (or portion of this document), and

to read coordinates of these hyperlinked items,

an user...

...process is detrimental for the best user's comfort, rest, and attention.

Using the same **opto - touch** foil, < PATCIT ID= PCIT0002

DNUM= US09892399B> US patent application 09/892399 </PATCIT> (IBM's reference FR9-2000-0027), entitled "System and method for locating on a **physical document** items referenced in a electronic document", discloses a method and system for using the same **opto - touch** foil for locating on a **physical document** items referenced in an electronic document. In a preferred embodiment, this invention enables to highlight...

< removed unnecessary information>

KAMAL (instant inventors)

13/ 3,K/ 2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01403493

**System and method for locating on a physical document items
referenced in**

an electronic document

**System und Verfahren zum Orten, von sich auf ein elektronisches
Dokument**

beziehenden Punkten, auf einem physikalischen Dokument

**Systeme et methode pour localiser, sur un document physique, des
points**

references dans un document electronique

PATENT ASSIGNEE:

International Business Machines Corporation, (200123), Armonk, NY 10504,
(US), (Applicant designated States: all)

INVENTOR:

Incertis Carro, Fernando, c/612, no. 9, Monte-Canada, Paterna, 46182
Valencia, (ES)

LEGAL REPRESENTATIVE:

Etorre, Yves Nicolas (87831), Compagnie IBM France, Departement
Propriete Intellectuelle, 06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 1186986 A2 020313 (Basic)

EP 1186986 A3 051116

APPLICATION (CC, No, Date): EP 2001480031 010510;

PRIORITY (CC, No, Date): EP 2000480080 000829

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT;
LI;

LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-017/30; G06F-003/033; G09B-
029/10;

G06F-003/00

ABSTRACT WORD COUNT: 267

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200211	1302
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SPEC A	(English)	200211	6972
--------	-----------	--------	------

Total word count - document A	8274
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Total word count - document B	0
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Total word count - documents A + B 8274

...ABSTRACT method of creating in an electronic document one or a plurality of hyperlinks to a **physical document** for locating on said **physical document** one or a plurality of items referenced in this electronic document, from an user system connected to an **opto - touch** foil placed on or under the **physical document** . The method comprises the steps of:

- * defining referenced items in the electronic document; for each item referenced in the electronic document;
 - * determining absolute coordinates;
 - * defining an hyperlink to the **physical document** ;
 - * encoding the absolute coordinates in the hyperlink.
- The present invention further discloses an electronic document...

< removed unnecessary information >

13/ 3,K/ 3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01110987 ** Image available**

**SYSTEM AND METHOD FOR SELECTING, ORDERING AND
ACCESSING COPYRIGHTED**

**INFORMATION FROM PHYSICAL DOCUMENTS
SYSTEME ET PROCEDE DE SELECTION, DE COMMANDE ET D'ACCES A
UNE INFORMATION PROTEGEE PAR LES DROITS D'AUTEUR A PARTIR
DE DOCUMENTS PHYSIQUES**

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road,
Armond, NY

10504, US, US (Residence), US (Nationality), (For all designated states
except: US)

IBM FRANCE, Tour Descartes, La Defense, 5, 2, avenue Gambetta, F-92400
Courbevoie, FR, FR (Residence), FR (Nationality), (Designated only for:
MC)

Patent Applicant/Inventor:

INCERTIS CARRO Fernando, c/612 - N(deg) 9, Monte-Canada, Paterna, E-
46182

Valencia, ES, ES (Residence), ES (Nationality), (Designated only for: US)

VARONA BARBERO Jose Maria, Avda. Burgos, 28, 5(deg)A, E-28036 Madrid,
ES,

ES (Residence), ES (Nationality), (Designated only for: US)

Legal Representative:

ETORRE Yves Nicolas (agent), Compagnie IBM France, Direction de la
Propriete Intellectuelle, F-06610 La Gaude, FR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200434280 A1 20040422 (WO 0434280)

Application: WO 2003EP9309 20030723 (PCT/WO EP03009309)

Priority Application: EP 2002368109 20021010

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD

SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6622

Fulltext Availability:

Detailed Description

English Abstract

...present invention discloses a system, method and computer program for selecting, ordering, accessing and displaying **copyrighted** information from **physical documents** such as printed publications or

commercials

. The invention allows the management and the direct sale from the editor to the final consumer of electronic information referenced on physical publications while respecting the **copyrights** attached to this electronic information. According to the present invention, a plurality of particular items (i.e., words, pictures, logos, etc.,) are defined on a **physical document** . These items are linked to **copyrighted**

hardcopy

or softcopy edited objets, such as chapters, notes, pictures, video or audio elements. For identifying and selecting the items defined in the **physical document** , these items are automatically illuminated by luminous signals (or light spots) generated by an **opto - touch** foil.

The **opto - touch** foil operates under the control of a user workstation.

An illuminated item is selected by the user by pressing the **opto - touch**

foil over the illuminated position of this item. When the user selects a particular item among all illuminated items, the user workstation

receives from the **opto - touch** foil a signal indicating the position of

this selected item. The user workstation identifies and...
...the user workstation, then this edited object is accessed locally. If
the user has no **copyright** for the edited object, a request is sent
through a network to an Edited Objects...

Detailed Description

... present invention discloses a system, method and computer program for
selecting, ordering, accessing and displaying **copyrighted** information
from **physical documents** such as printed publications or

commercials

. The invention allows the management and the direct sale from the editor
to the final consumer of electronic information referenced on physical
publications while respecting the **copyrights** attached to this
electronic information. According to the present invention, a plurality
of particular items (i.e., words, pictures, logos, etc.,) are defined on
a **physical document** . These items are linked to **copyrighted**

hardcopy

or softcopy edited objets, such as chapters, notes, pictures, video or
audio elements. For identifying and selecting the items defined in the
physical document , these items are automatically illuminated by
luminous signals (or light spots) generated by an **opto - touch** foil.
The **opto - touch** foil operates under the control of a user workstation.
An illuminated item More particularly, the...

< removed unnecessary information >

~ ~ Bibliographic NPL files

1/ 3,K/ 1 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

(c) 2008 The HW Wilson Co. All rts. reserv.

1676546 H.W. WILSON RECORD NUMBER: BAST97012710

Two-hand, anti-tiedown controls are safe and ergonomic

AUGMENTED TITLE: Duo-Touch from Banner Engineering Corp.

Schneider, Richard T;

Hydraulics & Pneumatics v. 50 (Jan. '97) p. 14+

DOCUMENT TYPE: Product Evaluation ISSN: 0018-814X

...ABSTRACT: the hazardous area of a machine while it cycles. The
company

has also developed optoelectric **Opto - Touch** switches, which are closed
by breaking a light beam. This helps to eliminate repetitive stress...

~ ~ Full text NPL files

12/ 3,K/ 1 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2008 Gale/Cengage. All rts. reserv.

09386950 Supplier Number: 82263707 (USE FORMAT 7 FOR FULLTEXT)

Injection molding machines. (Equipment).(Brief Article)

Rubber World, v225, n3, p66(1)

Dec, 2001

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 221

(USE FORMAT 7 FOR FULLTEXT)

ABSTRACT:

TEXT:

...will then repeat when the operator starts the cycle with the anti-tie-down "opto **touch** " buttons. Components include an Allen Bradley mini PLC, solid-state temperature controller and digital timers...